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TO: Eric Schroeter – de
CC: Llans Taylor-de
Jim Smith – de
FROM: Shirley Norris
DATE: September 30, 2013
SUBJECT: Route Z, Jefferson County
East of Route I-55 to Route A
Job No. 3S2009L
Proprietary Item Certification

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), no equally suitable alternate exists for this patented or proprietary item.



Kathryn P. Harvey, State Design Engineer FOR

With reference to the above noted project, we request approval of a Proprietary Item Certification to use ScourStop transition mats in lieu of our standard rock lining at culvert outlets or stream channels. ScourStop is a mechanically anchored 4 ft. x 4 ft. x ½ in. semi-rigid, polymer mat designed with voids throughout the mat to enable vegetative growth.

In an effort to reduce project costs and provide a system that does not require continuous maintenance, particularly in situations where rock lining on culvert pipe outlets under side roads and driveways running parallel to the mainline could create a safety issue, we request approval to use this product at all culvert outlets and stream channels where we suspect a high incidence of erosion and associated rutting. The use of ScourStop would eliminate the rocks and would not capture other trash and debris thus helping the roadway improvements blend into the surrounding area as well as enhance safety, thereby making it the only suitable material for the intended use.

After research, we have been unable to identify any other systems or methods that provide the scour protection and eliminates virtually all future maintenance. A laborer can install ScourStop with no heavy equipment needed for transport or installation, minimizing the time required to construct.

FHWA has approved ScourStop for use in Iowa, Mississippi, Nebraska and Tennessee and a Public Interest Finding for Route 141 in St. Louis County (Job NO. J6U807) was approved in December 2009.

Approval of this request at your earliest convenience would be appreciated. This project is scheduled for a February 2014 bid opening.

